

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E60608

Participation : CTR

Employer : Washington State University

Status : Affected

Worksite : Vancouver Campus

Survey Type : Online

Street : 14204 Ne Salmon Creek Ave

Response Rate : 74%

Jurisdiction : Unincorporated Clark County

Survey Date : 5/19/2017

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 17.6%

Drive Alone Rate : 82.4%

One-Way VMT per employee : 10.4

Average One-Way distance home to work : 12.1

Employees and Survey Response Information

Reported Total Employees at Worksite: 360

Surveys Distributed : 289

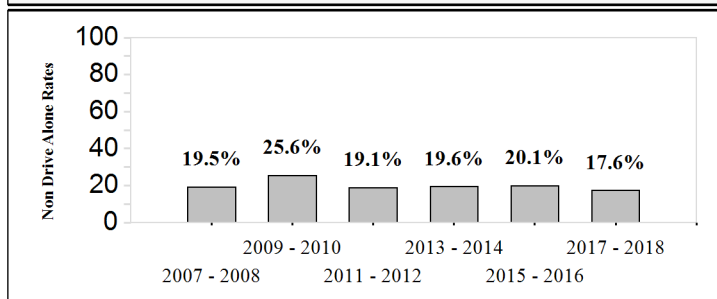
Surveys Returned : 215

Surveys Returned by CTR Affected* Employees : 188

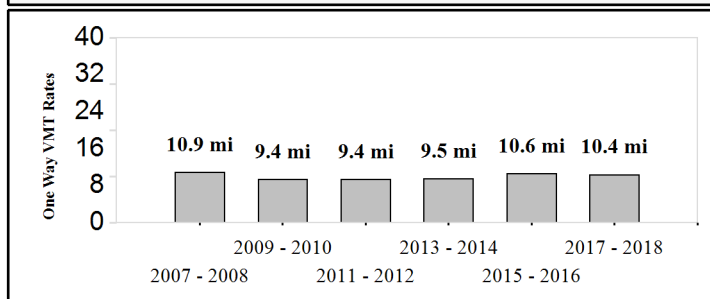
Total Estimated CTR Affected Employees at Worksite : 253

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO₂e Pounds CO₂e

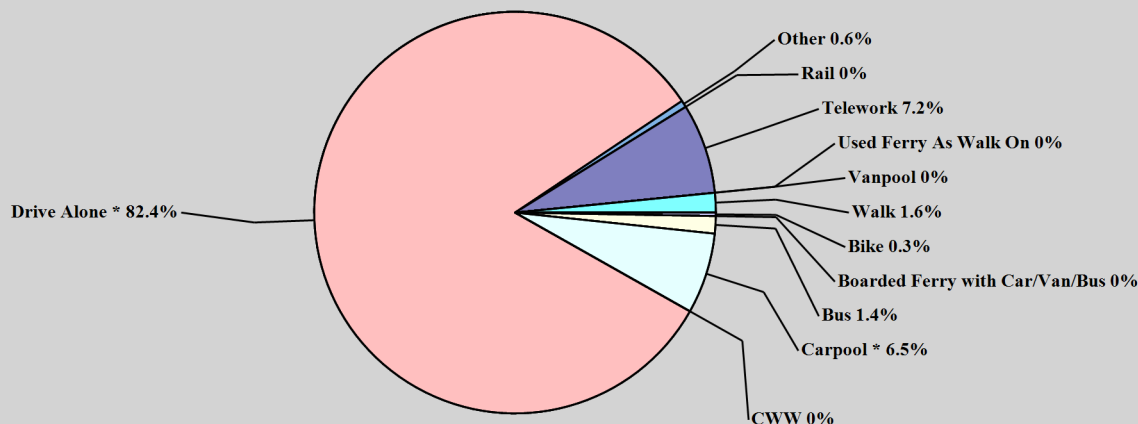
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	19.5%	15.0%	373	1329	32.6	10.9	11.2
2009 - 2010	25.6%	23.6%	468	759	18.6	9.4	9.6
2011 - 2012	19.1%	16.3%	335	493	12.1	9.4	10.0
2013 - 2014	19.6%	20.0%	439	500	12.2	9.5	9.6
2015 - 2016	20.1%	20.5%	556	825	20.2	10.6	10.5
2017 - 2018	17.6%	18.2%	497	831	20.4	10.4	10.4
Target	25.5%				Target:	8.9	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-1.9				% Change from Baseline:	-4.6%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



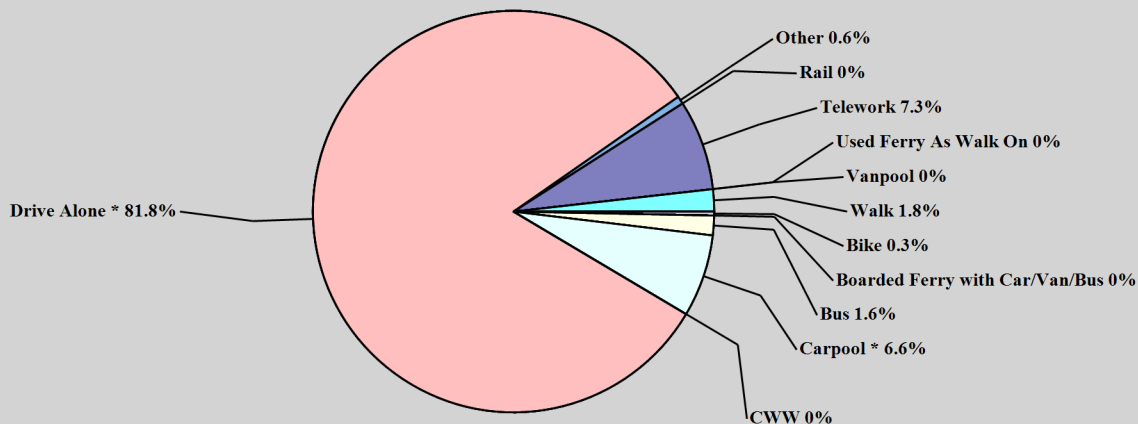
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	887	82.4%	79.9%	195	90.7%	88.5%
Carpool *	70	6.5%	10.2%	21	9.8%	14.7%
Vanpool	0	0.0%	0.2%	0	0.0%	0.4%
Bus	15	1.4%	0.8%	3	1.4%	0.8%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	3	0.3%	1.9%	2	0.9%	3.6%
Walk	17	1.6%	3.0%	4	1.9%	4.0%
Telework	78	7.2%	3.3%	36	16.7%	8.3%
CWW	0	0.0%	0.2%	0	0.0%	0.8%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.2%	0	0.0%	0.4%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	6	0.6%	0.4%	2	0.9%	0.4%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	777	81.8%	79.5%	171	91.0%	88.6%
Carpool *	63	6.6%	10.3%	18	9.6%	14.9%
Vanpool	0	0.0%	0.2%	0	0.0%	0.4%
Bus	15	1.6%	0.9%	3	1.6%	0.9%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	3	0.3%	2.0%	2	1.1%	3.5%
Walk	17	1.8%	2.7%	4	2.1%	3.9%
Telework	69	7.3%	3.5%	30	16.0%	8.8%
CWW	0	0.0%	0.3%	0	0.0%	0.9%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.2%	0	0.0%	0.4%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	6	0.6%	0.4%	2	1.1%	0.4%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	153	71%	215	100%
1 Days	22	10%	62	29%
2 Days	8	4%	40	19%
3 Days	5	2%	32	15%
4 Days	4	2%	27	13%
5 Days	20	9%	23	11%
6 or More Days	3	1%	3	1%

Count by Occupancy of Carpools and Vanpools

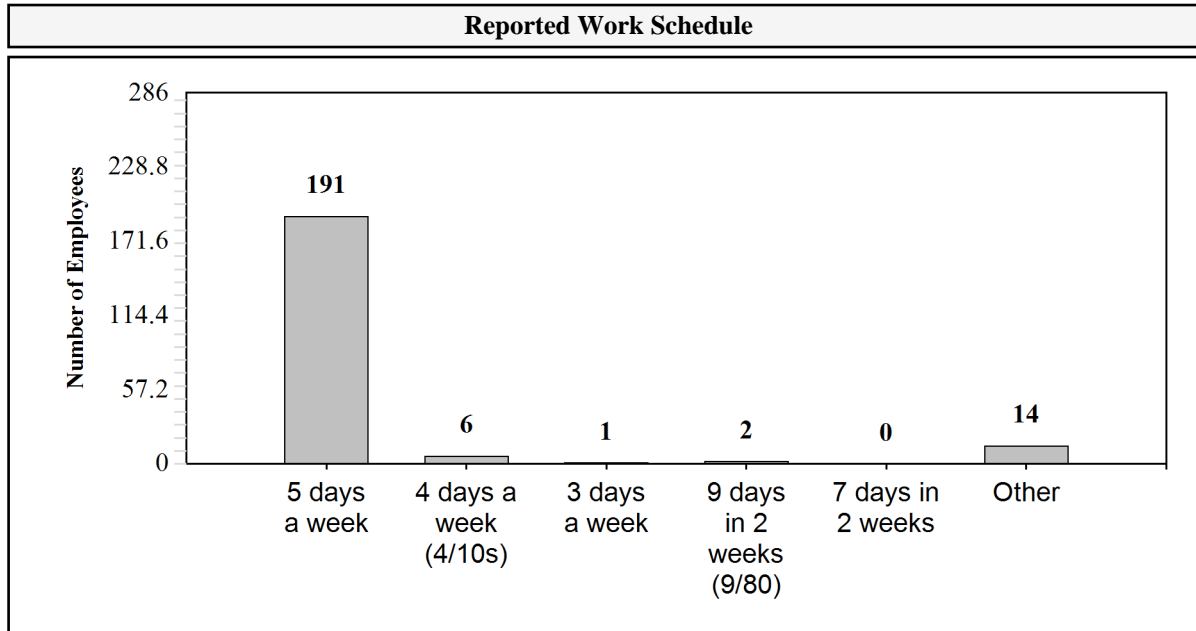
Q.4 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	65
3	Carpool	5
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	0
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

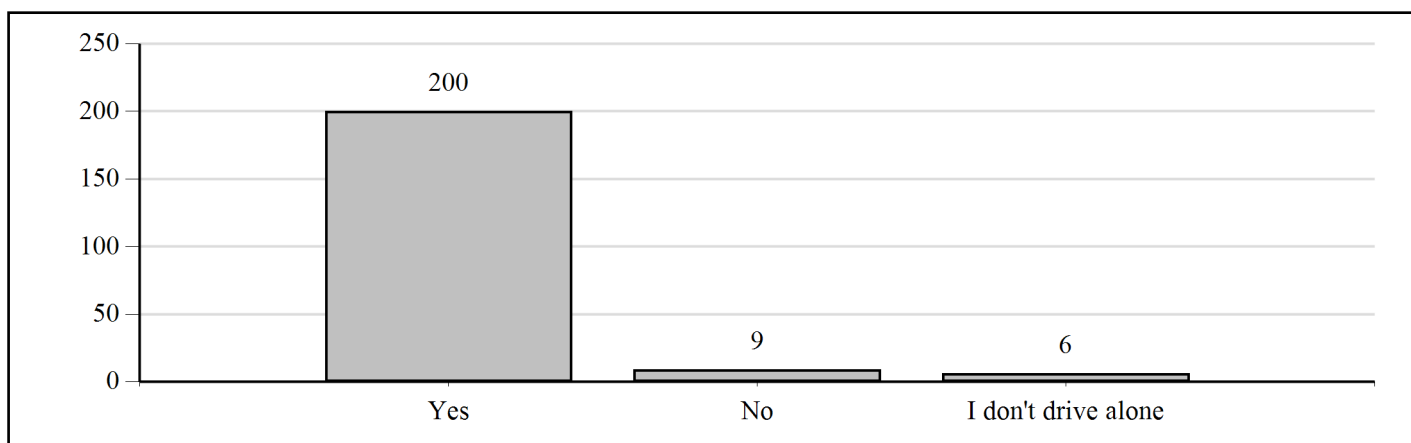
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	191	89.3%
4 days a week (4/10s)	6	2.8%
3 days a week	1	0.5%
9 days in 2 weeks (9/80)	2	0.9%
7 days in 2 weeks	0	0%
Other	14	6.5%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	1	0.5%
I don't telework	105	48.8%
Occasionally, on an as-needed basis	55	25.6%
1-2 days/month	10	4.7%
1 day/week	19	8.8%
2 days/week	12	5.6%
3 days/week	13	6.0%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I have the option of teleworking	73	19.9%
Environmental and community benefits	57	15.6%
Personal health or well-being	56	15.3%
Other	51	13.9%
To save money	28	7.7%
Driving myself is not an option	28	7.7%
Cost of parking or lack of parking	19	5.2%
Financial incentives for carpooling, bicycling or walking.	16	4.4%
Emergency ride home is provided	14	3.8%
Free or subsidized bus, train, vanpool pass or fare benefit	10	2.7%
I receive a financial incentive for giving up my parking space	9	2.5%
Preferred/reserved carpool/vanpool parking is provided	3	0.8%
To save time using the HOV lane	2	0.5%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	138	26.1%
I like the convenience of having my car	132	25.0%
Family care or similar obligations	76	14.4%
Other	57	10.8%
Bicycling or walking isn't safe	48	9.1%
My commute distance is too short	44	8.3%
My job requires me to use my car for work	22	4.2%
There isn't any secure or covered bicycle parking	7	1.3%
I need more information on alternative modes	4	0.8%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98686	25	11.63%	93	10	0	0	5	0	2	11	5	0	0	0	0
98642	19	8.84%	75	15	0	0	0	0	0	6	1	0	0	0	0
98685	19	8.84%	77	10	0	1	0	0	0	0	13	0	0	0	0
98661	15	6.98%	62	10	0	0	0	0	0	0	1	0	0	0	0
98682	13	6.05%	55	0	0	0	5	0	0	0	0	0	0	0	0
98664	12	5.58%	56	1	0	0	0	0	0	0	0	0	0	0	0
98684	10	4.65%	39	7	0	0	0	0	0	0	3	0	0	0	0
98607	9	4.19%	33	5	0	0	0	0	0	0	8	0	0	0	0
98662	9	4.19%	41	0	0	0	0	0	1	0	1	0	0	0	0
98604	8	3.72%	40	0	0	0	0	0	0	0	0	0	0	0	0
98665	8	3.72%	41	0	0	0	0	0	0	0	0	0	0	0	0
98683	6	2.79%	25	5	0	0	0	0	0	0	0	0	0	0	0
97211	4	1.86%	15	1	0	0	0	0	0	0	4	0	0	0	0
98629	4	1.86%	19	0	0	0	0	0	0	0	2	0	0	0	0
98663	4	1.86%	12	3	0	0	0	0	0	0	4	0	0	0	0
97206	3	1.40%	13	0	0	0	0	0	0	0	1	0	0	0	0
97212	3	1.40%	14	0	0	0	0	0	0	0	0	0	0	0	0
97213	3	1.40%	13	0	0	0	0	0	0	0	1	0	0	0	0
97214	3	1.40%	14	0	0	0	0	0	0	0	1	0	0	0	0
98606	3	1.40%	13	0	0	0	0	0	0	0	3	0	0	0	0
98660	3	1.40%	14	0	0	0	0	0	0	0	0	0	0	0	0
97209	2	0.93%	10	0	0	0	0	0	0	0	0	0	0	0	0
97215	2	0.93%	7	0	0	0	0	0	0	0	6	0	0	0	0
97217	2	0.93%	6	0	0	0	0	0	0	0	2	0	0	0	0
97239	2	0.93%	7	0	0	0	0	0	0	0	2	0	0	0	0
	1	0.47%	4	1	0	0	0	0	0	0	0	0	0	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
97007	1	0.47%	4	0	0	0	0	0	0	0	1	0	0	0	0
97034	1	0.47%	3	0	0	0	0	0	0	0	4	0	0	0	0
97042	1	0.47%	5	0	0	0	0	0	0	0	0	0	0	0	0
97055	1	0.47%	4	0	0	0	0	0	0	0	0	0	0	0	0
97070	1	0.47%	5	0	0	0	0	0	0	0	0	0	0	0	0
97080	1	0.47%	4	0	0	0	0	0	0	0	1	0	0	0	0
97202	1	0.47%	3	0	0	0	0	0	0	0	2	0	0	0	0
97203	1	0.47%	5	0	0	0	0	0	0	0	0	0	0	0	0
97210	1	0.47%	0	0	0	0	0	0	0	0	5	0	0	0	2
97218	1	0.47%	5	0	0	0	0	0	0	0	0	0	0	0	0
97219	1	0.47%	3	0	0	0	0	0	0	0	3	0	0	0	0
97221	1	0.47%	5	0	0	0	0	0	0	0	0	0	0	0	0
97222	1	0.47%	5	0	0	0	0	0	0	0	0	0	0	0	0
97225	1	0.47%	1	2	0	0	0	0	0	0	0	0	0	0	4
97229	1	0.47%	4	0	0	0	0	0	0	0	3	0	0	0	0
97236	1	0.47%	5	0	0	0	0	0	0	0	0	0	0	0	0
98007	1	0.47%	0	0	0	0	5	0	0	0	0	0	0	0	0
98601	1	0.47%	5	0	0	0	0	0	0	0	0	0	0	0	0
98625	1	0.47%	5	0	0	0	0	0	0	0	0	0	0	0	0
98626	1	0.47%	4	0	0	0	0	0	0	0	0	0	0	0	0
98671	1	0.47%	4	0	0	0	0	0	0	0	1	0	0	0	0
98674	1	0.47%	5	0	0	0	0	0	0	0	0	0	0	0	0
98675	1	0.47%	3	0	0	1	0	0	0	0	0	0	0	0	0